

Eastern Research Group 601 Keystone Park Drive Suite 700 Morrisville, NC 27560

August 28, 2009

Mr. Bob Princic U.S. Environmental Protection Agency, Region 5 210 E. Aurora Road Twinsburg, OH 44087 Project Name: LCOH SCH

Dear Mr. Bob Princic,

This report contains the analytical results for the sample(s) received under chain(s) of custody by Eastern Research Group on 08/14/09 11:51 through 08/19/09 11:07.

The test results in this report are in compliance with NELAC accreditation requirements for the certified parameters. All analyses were performed as described in the US EPA-approved QAPP, under the contract for NMOC, UATMP, PAMS, HAPS, and NATTS support (US EPA Contract No. 68-D-03-049). This cover page is an integral part of this report, and any exceptions or comments are noted on the last page.

The issuance of the final Certificate of Analysis takes precedence over any previous Report. If you have any questions, please contact me at 919-468-7924.

Sincerely,

Julie Swift Program Manager julie.swift@erg.com

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U.S. Environmental Protection Agency, Region 5

FILE #: 0269.00

210 E. Aurora Road

**REPORTED:** 08/28/09 13:51

Twinsburg, OH 44087

08/14/09 to 08/19/09 SUBMITTED:

ATTN: Mr. Bob Princic

AQS SITE CODE:

39 029 5501

**PHONE**: (330) 963-1230 FAX: (312) 886-5824

SITE CODE:

LCOH SCH

## **ANALYTICAL REPORT FOR SAMPLES**

<u>SampleName</u>	<u>LabNumber</u>	<u>Matrix</u>	<u>Sampled</u>	Received
LCOH SCH	9081431-01	Air	08/12/09 23:59	08/14/09 11:51
LCOH SCH	9081904-01	Air	08/17/09 23:59	08/19/09 11:07



U.S. Environmental Protection Agency, Region 5

P9026370

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LCOH SCH

**PHONE**: (330) 963-1230

LCOH SCH **Description:** 

**Comments:** 

FAX: (312) 886-5824

9081431-01

SITE CODE:

 $m^3$ 

Sampled: 08/12/09 23:59

Air Matrix:

Sample Volume:

Lab ID:

24.04

Received: 08/14/09 11:51

**Analysis Date:** 08/26/09 22:39

## **Inorganics by Compendium Method IO-3.5**

		<u>Results</u>		<u>MDL</u>
<u>Analyte</u>	<b>CAS Number</b>	ng/m³ Air	<u>Flag</u>	<u>ng/m³ Air</u>
Antimony	7440-36-0	1.27	D	0.06
Arsenic	7440-38-2	1.12	D	0.01
Beryllium	7440-41-7	ND	U	0.03
Cadmium	7440-43-9	0.35	D	0.22
Chromium	7440-47-3	4.51	D	1.55
Cobalt	7440-48-4	0.04	D	0.02
Lead	7439-92-1	4.02	D	0.07
Manganese	7439-96-5	30.0	D	0.22
Mercury	7439-97-6	0.01	U	1.12
Nickel	7440-02-0	0.41	U	0.96
Selenium	7782-49-2	0.83	D	0.37



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**AQS SITE CODE:** 

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ATTN: Mr. Bob Princic **PHONE**: (330) 963-1230

24.04

39 029 5501

**Description:** 

SITE CODE:

Sampled: 08/17/09 23:59

Air Matrix:

LCOH SCH Lab ID:

FAX: (312) 886-5824

**Comments:** P9026369

Sample Volume:

 $m^3$ 

Received: 08/19/09 11:07 **Analysis Date:** 08/27/09 00:08

**Inorganics by Compendium Method IO-3.5** 

9081904-01

	<b>Results</b>		<u>MDL</u>
<b>CAS Number</b>	ng/m³ Air	<u>Flag</u>	ng/m³ Air
7440-36-0	2.00	D	0.06
7440-38-2	1.53	D	0.01
7440-41-7	0.01	U	0.03
7440-43-9	1.14	D	0.22
7440-47-3	5.45	D	1.55
7440-48-4	0.18	D	0.02
7439-92-1	6.13	D	0.07
7439-96-5	54.6	D	0.22
7439-97-6	0.01	U	1.12
7440-02-0	0.83	U	0.96
7782-49-2	3.01	D	0.37
	7440-36-0 7440-38-2 7440-41-7 7440-43-9 7440-47-3 7440-48-4 7439-92-1 7439-96-5 7439-97-6 7440-02-0	CAS Number         ng/m³ Air           7440-36-0         2.00           7440-38-2         1.53           7440-41-7         0.01           7440-43-9         1.14           7440-47-3         5.45           7440-48-4         0.18           7439-92-1         6.13           7439-96-5         54.6           7439-97-6         0.01           7440-02-0         0.83	CAS Number         ng/m³ Air         Flag           7440-36-0         2.00         D           7440-38-2         1.53         D           7440-41-7         0.01         U           7440-43-9         1.14         D           7440-47-3         5.45         D           7440-48-4         0.18         D           7439-92-1         6.13         D           7439-96-5         54.6         D           7439-97-6         0.01         U           7440-02-0         0.83         U



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**SUBMITTED:** 08/14/09 to 08/19/09

**AQS SITE CODE**: 39 029 5501

SITE CODE: LCOH SCH

Spike Source %REC RPD
Analyte Result PQL Units Level Result %REC Limits RPD Limit Notes

Eastern Research Group

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SUBMITTED: 08

08/14/09 to 08/19/09

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**Notes and Definitions** 

U Under Detection Limit

D Data reported from a dilution

ND Analyte NOT DETECTED at or above the Method Detection Limit (MDL)

FAX: (312) 886-5824

NR Not Reported

MDL Method Detection Limit

RPD Relative Percent Difference

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